

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143752.D
 Acq On : 15 Sep 2025 15:22
 Operator : RC/JU
 Sample : PB169696BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BL

Quant Time: Sep 15 15:43:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	21716	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	78710	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	43568	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	74477	20.000	ng	0.01
76) Chrysene-d12	14.069	240	47305	20.000	ng	0.02
86) Perylene-d12	15.551	264	35779	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	90284	70.933	ng	0.01
7) Phenol-d6	6.504	99	104902	67.688	ng	0.00
23) Nitrobenzene-d5	7.445	82	60343	47.686	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	28997	66.042	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	142017	49.241	ng	0.00
79) Terphenyl-d14	13.010	244	149112	51.081	ng	0.02

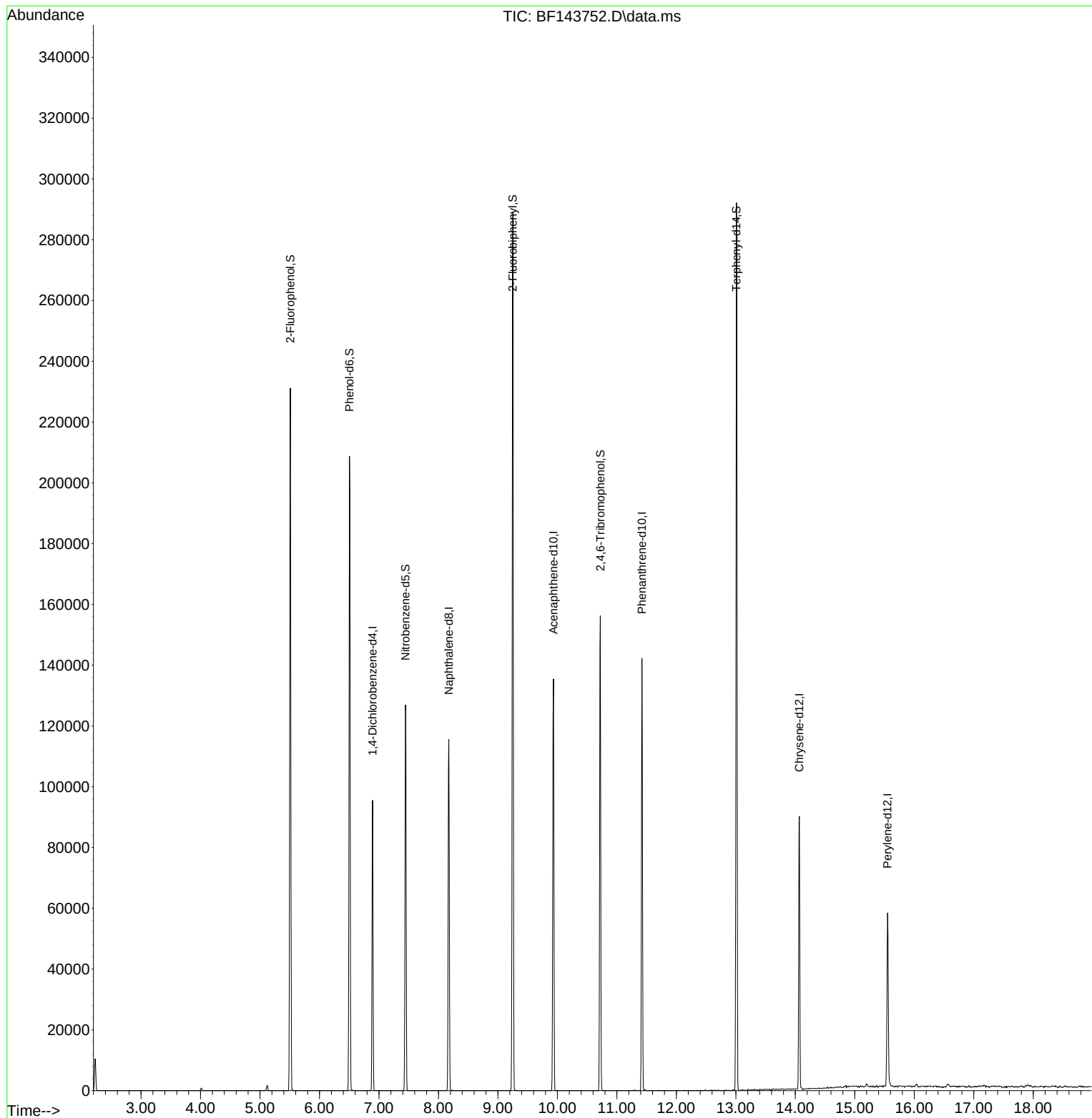
Target Compounds	Qvalue

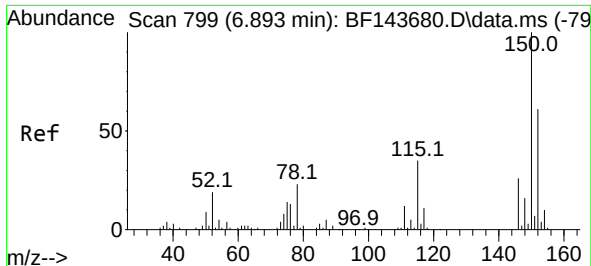
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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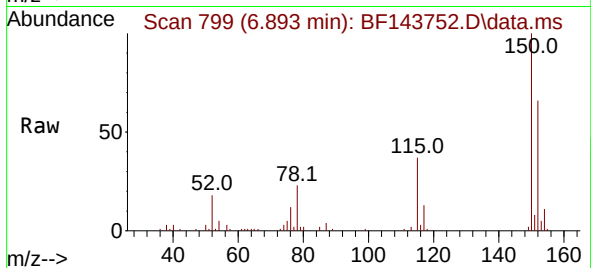
Quant Time: Sep 15 15:43:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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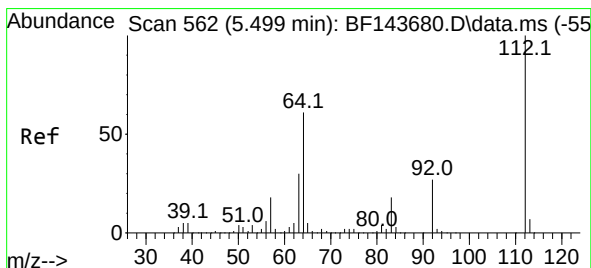
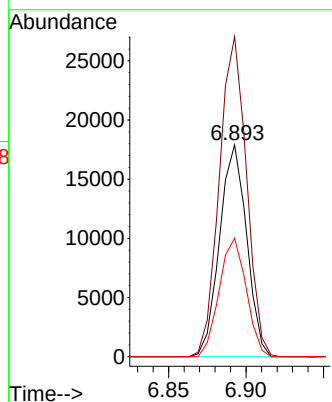
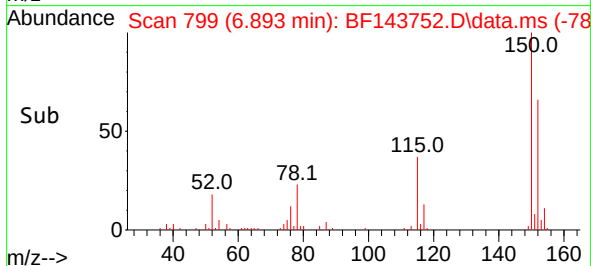


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: BF143752.D
 Acq: 15 Sep 2025 15:22

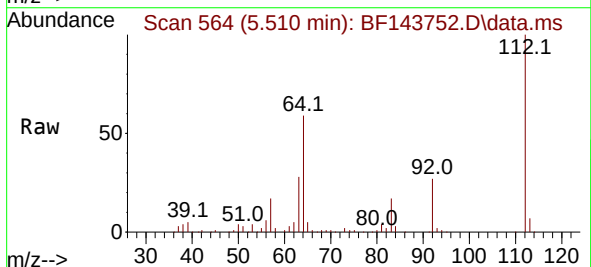
Instrument :
 BNA_F
 ClientSampleId :
 PB169696BL



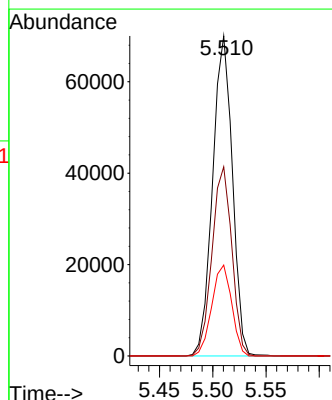
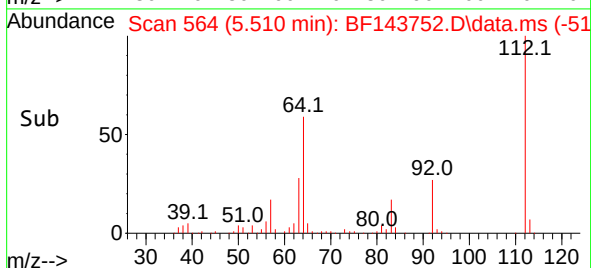
Tgt Ion:152 Resp: 21716
 Ion Ratio Lower Upper
 152 100
 150 151.1 130.7 196.1
 115 55.9 45.9 68.9

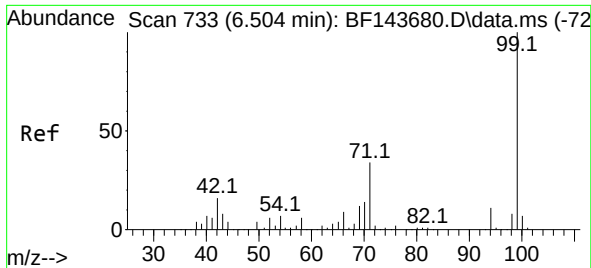


#5
 2-Fluorophenol
 Concen: 70.933 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF143752.D
 Acq: 15 Sep 2025 15:22



Tgt Ion:112 Resp: 90284
 Ion Ratio Lower Upper
 112 100
 64 59.1 49.0 73.4
 63 28.4 24.3 36.5

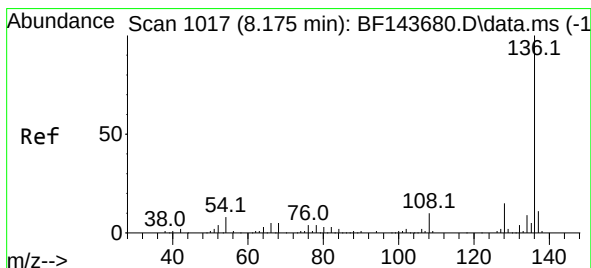
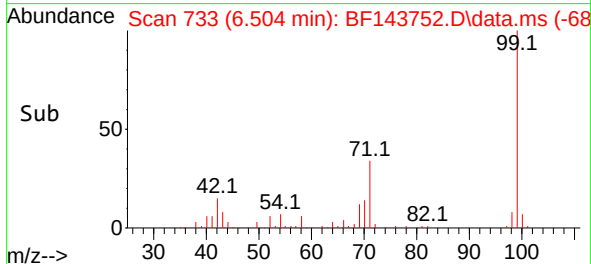
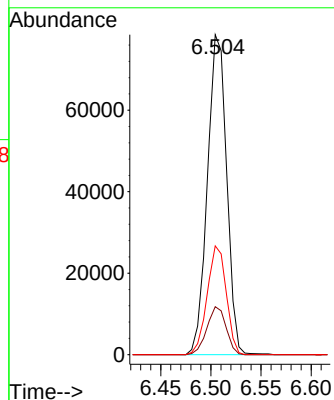
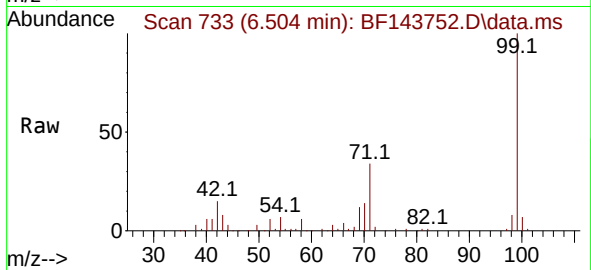




#7
Phenol-d6
Concen: 67.688 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

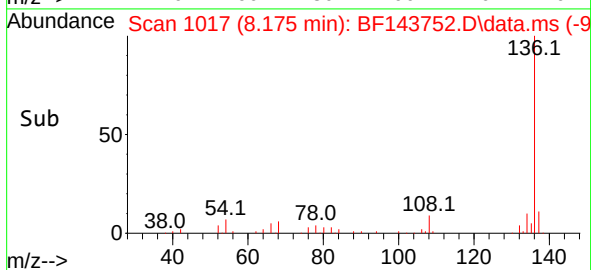
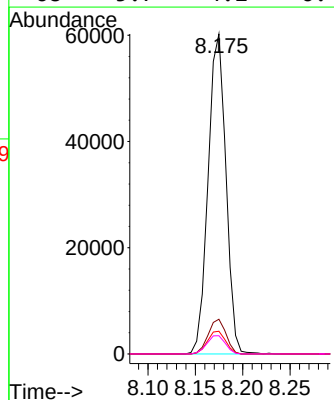
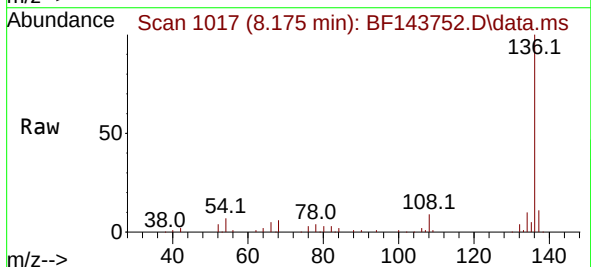
Instrument :
BNA_F
ClientSampleId :
PB169696BL

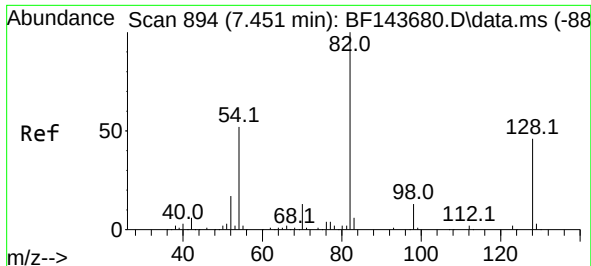
Tgt Ion: 99 Resp: 104902
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 34.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143752.D
Acq: 15 Sep 2025 15:22

Tgt Ion: 136 Resp: 78710
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.1 6.2 9.2
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 47.686 ng

RT: 7.445 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

Instrument :

BNA_F

ClientSampleId :

PB169696BL

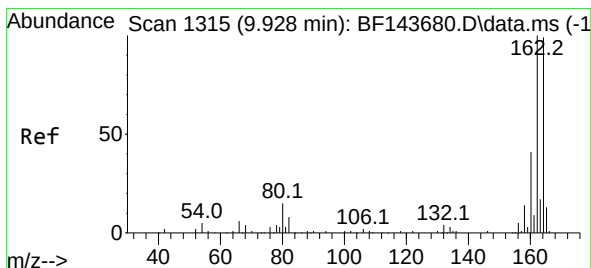
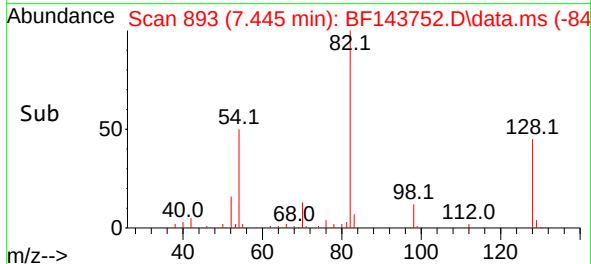
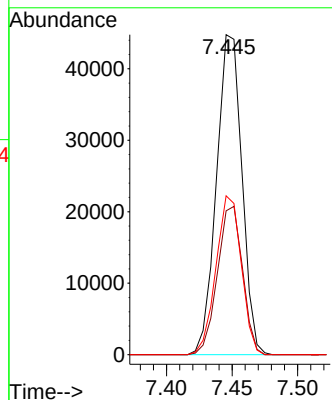
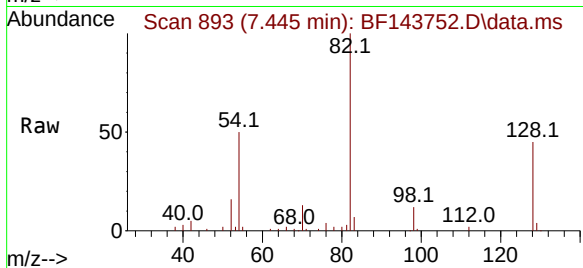
Tgt Ion: 82 Resp: 60343

Ion Ratio Lower Upper

82 100

128 45.0 37.0 55.4

54 49.6 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. 0.006 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

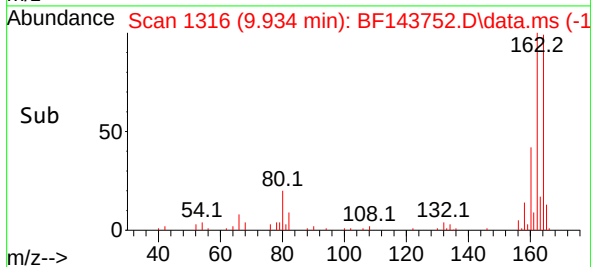
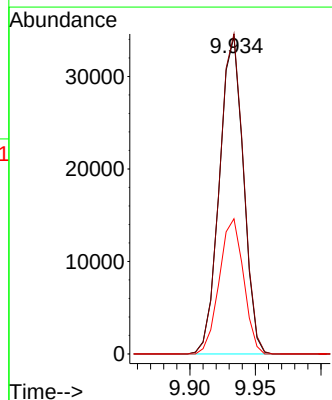
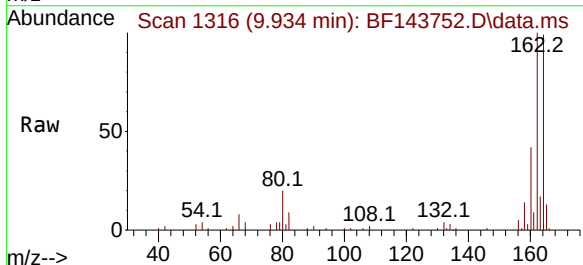
Tgt Ion:164 Resp: 43568

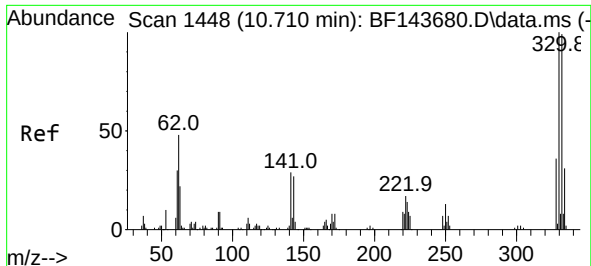
Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 42.6 33.0 49.4

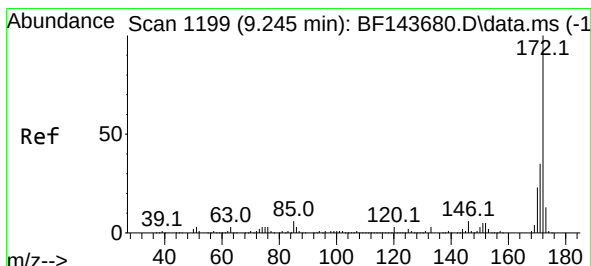
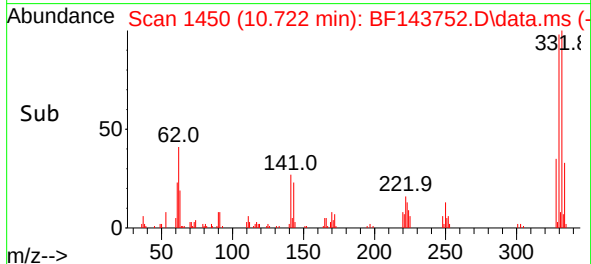
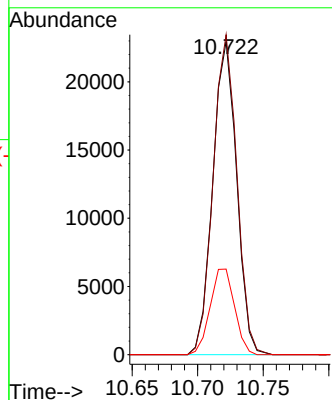
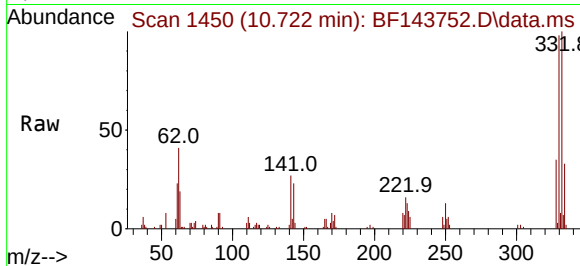




#42
 2,4,6-Tribromophenol
 Concen: 66.042 ng
 RT: 10.722 min Scan# 1448
 Delta R.T. 0.012 min
 Lab File: BF143752.D
 Acq: 15 Sep 2025 15:22

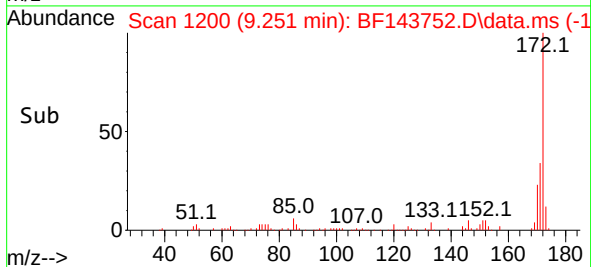
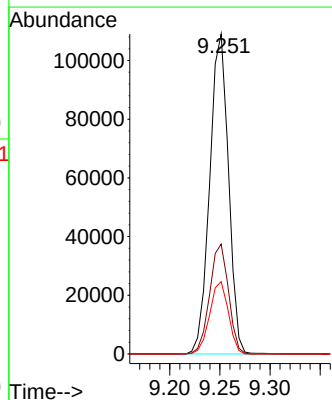
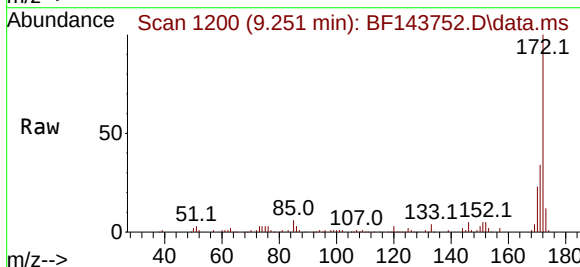
Instrument :
 BNA_F
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 PB169696BL

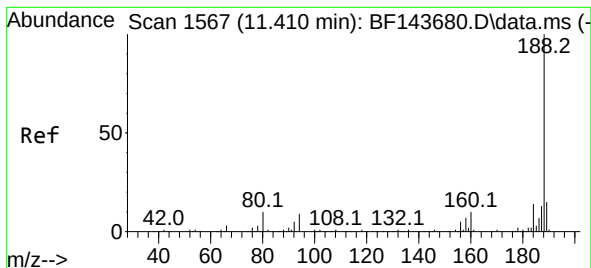
Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.8	79.2	118.8
141	28.0	22.2	33.4



#45
 2-Fluorobiphenyl
 Concen: 49.241 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. 0.006 min
 Lab File: BF143752.D
 Acq: 15 Sep 2025 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.9	41.9
170	22.6	18.6	27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

Instrument :

BNA_F

ClientSampleId :

PB169696BL

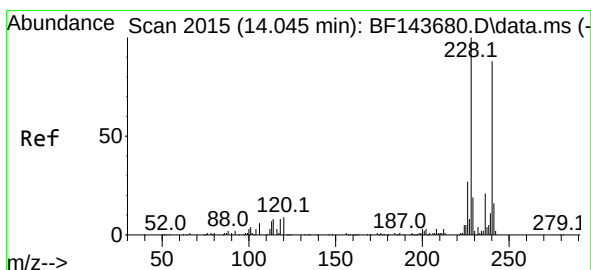
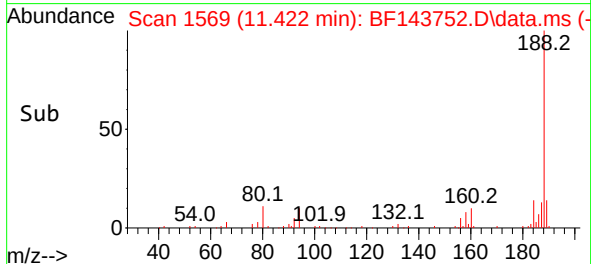
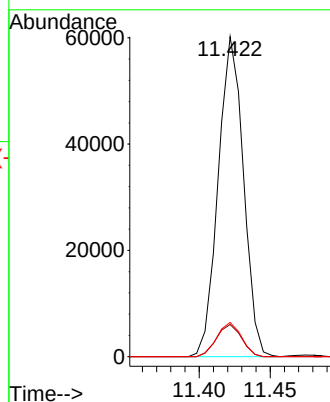
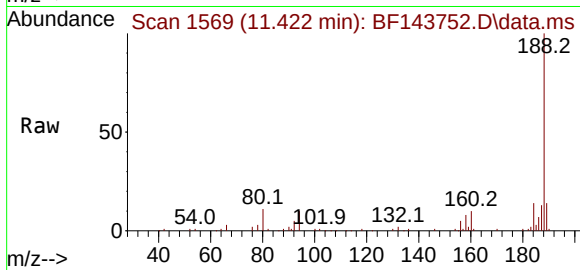
Tgt Ion:188 Resp: 74477

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.0

80 10.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.024 min

Lab File: BF143752.D

Acq: 15 Sep 2025 15:22

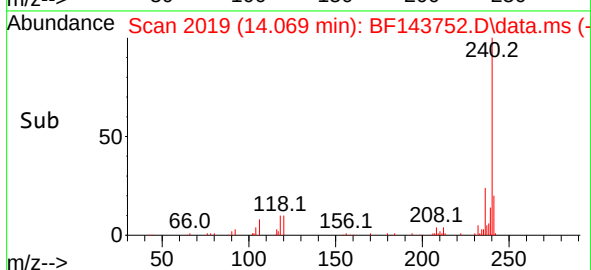
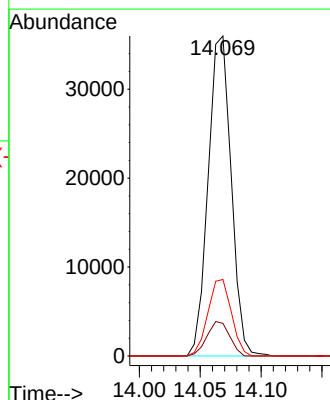
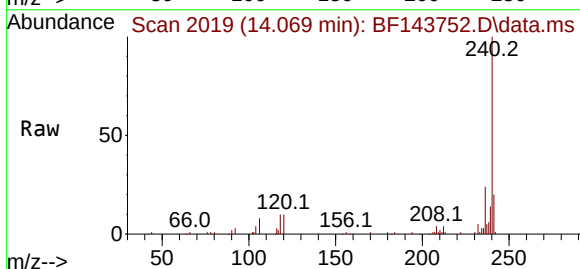
Tgt Ion:240 Resp: 47305

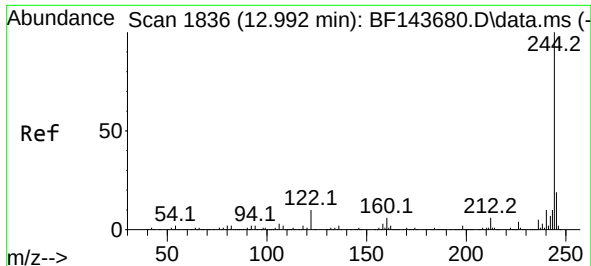
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 23.9 18.6 28.0

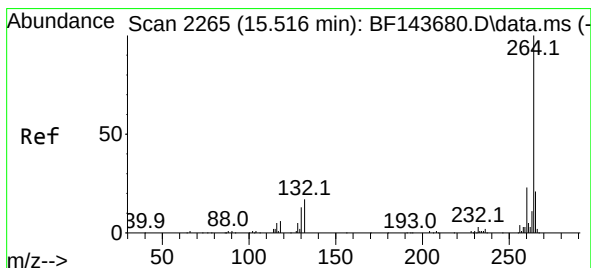
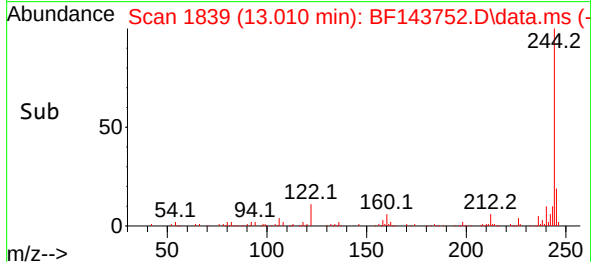
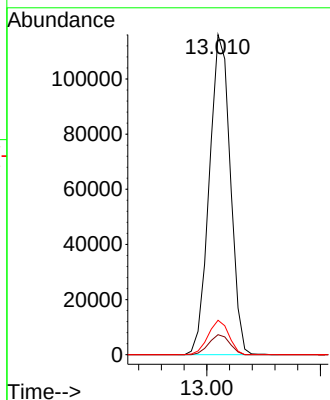
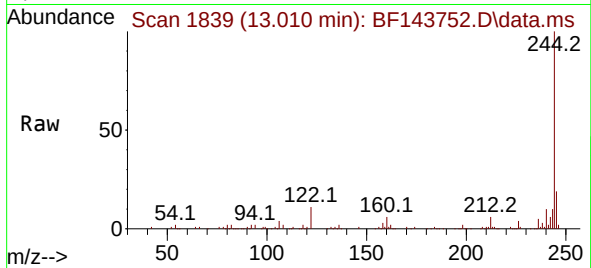




#79
 Terphenyl-d14
 Concen: 51.081 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. 0.018 min
 Lab File: BF143752.D
 Acq: 15 Sep 2025 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BL

Tgt Ion:244 Resp: 149112
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 10.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.035 min
 Lab File: BF143752.D
 Acq: 15 Sep 2025 15:22

Tgt Ion:264 Resp: 35779
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 23.3 17.1 25.7

